



FIG. 1

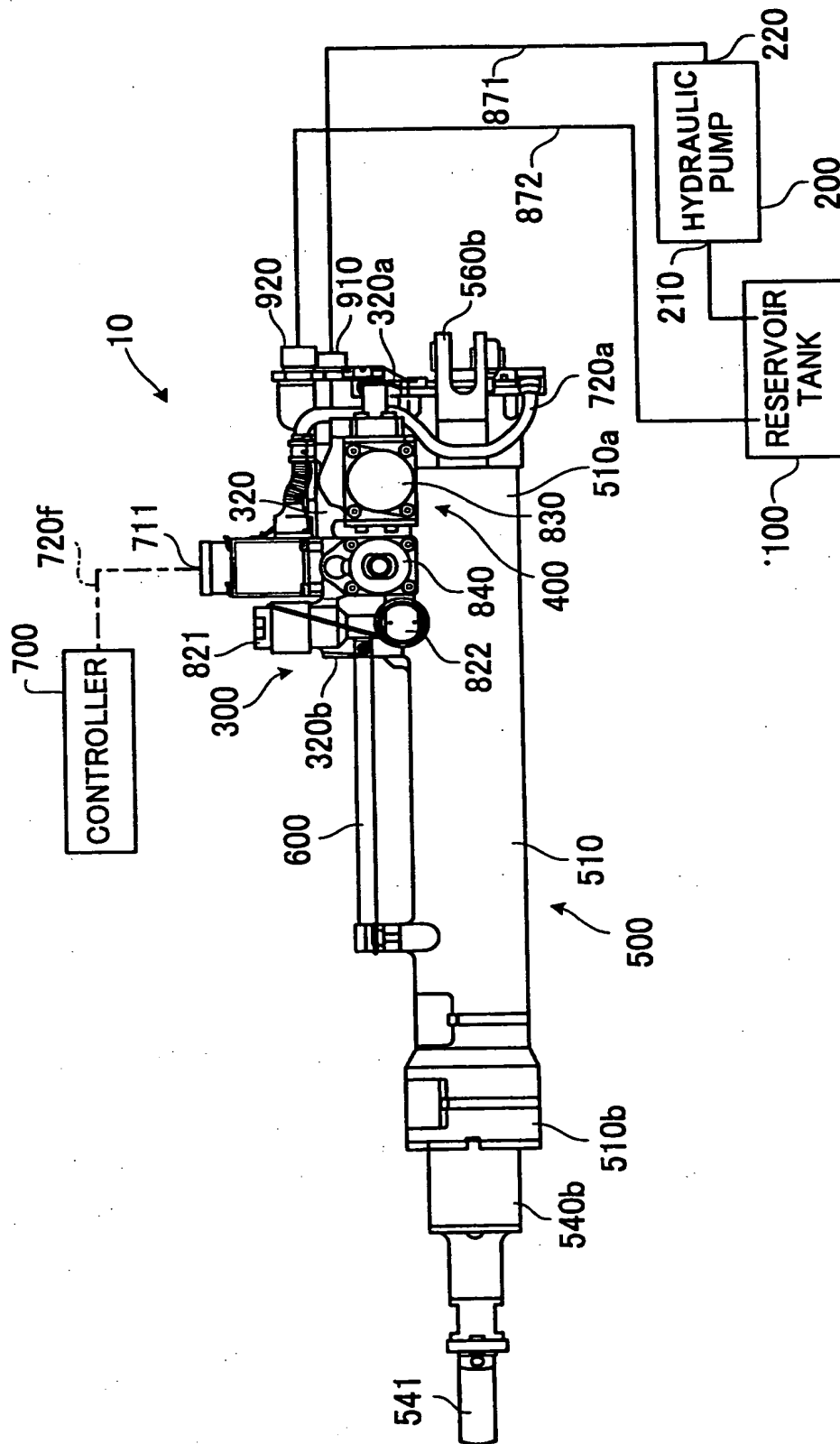


FIG. 2

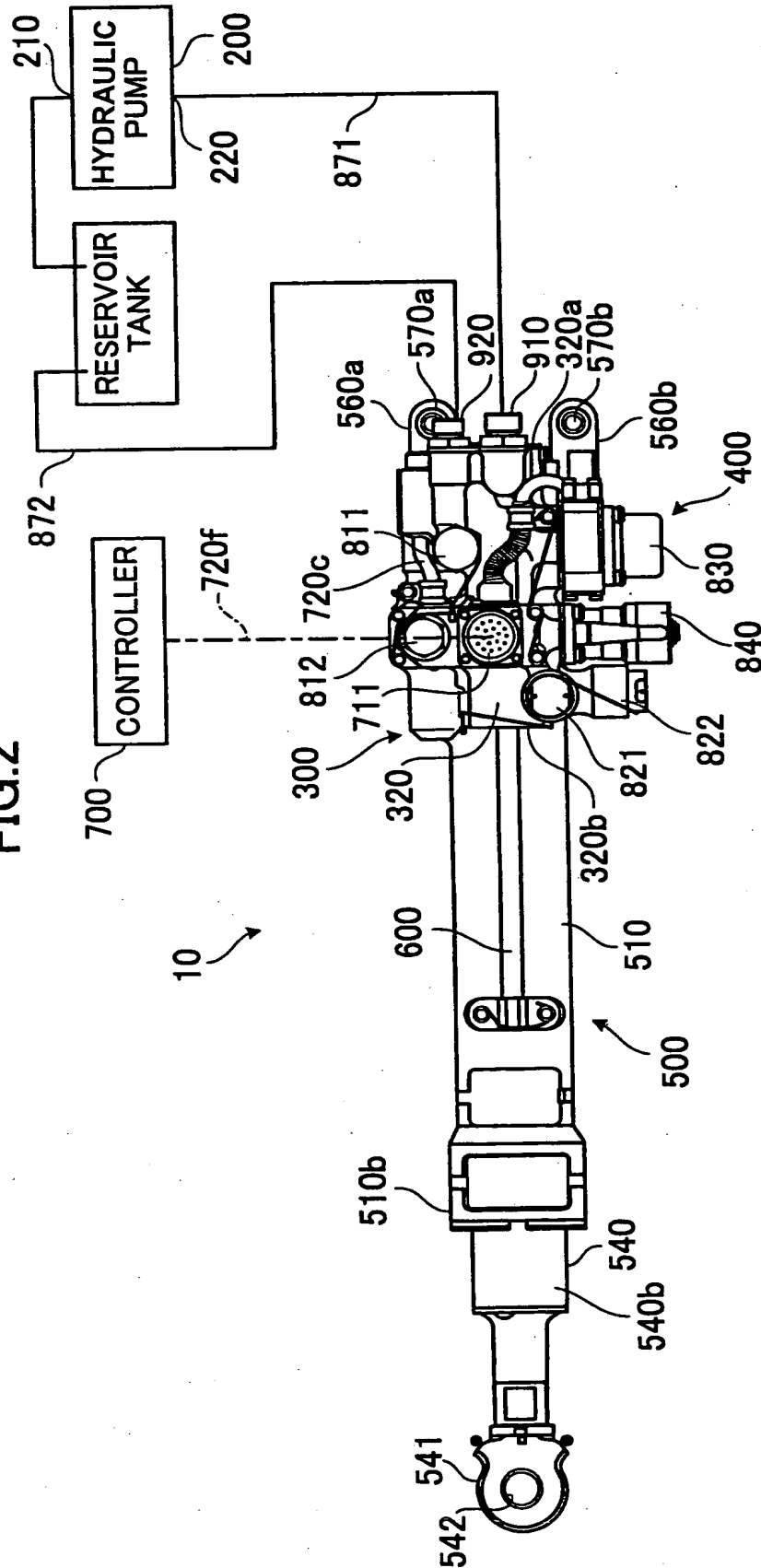
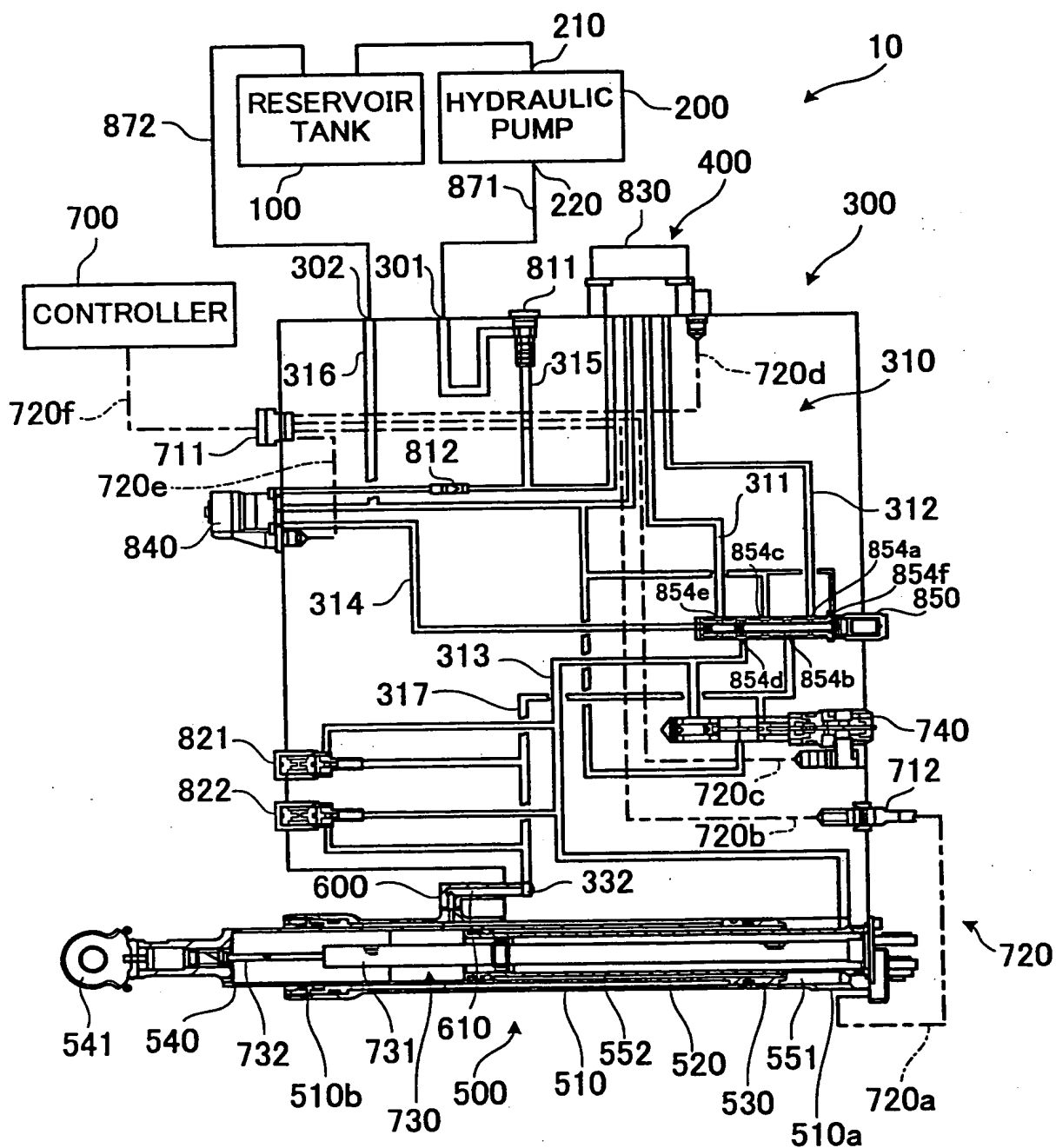




FIG.12



A schematic diagram of a hydraulic system 10. The system includes a reservoir tank 100 connected to a hydraulic pump 200 via a line 210. The pump 200 is driven by a motor 220. A main supply line 500 carries fluid from the pump to various components. At the top left, a control unit 700 containing a controller is connected to a solenoid valve assembly 711 via a dashed line 720f. This assembly includes a solenoid coil 711 and a check valve 720g. The line 500 passes through a series of valves and fittings: a ball valve 541, a directional control valve 540b, another directional control valve 510b, and a flow control valve 510a. The line then splits into two parallel branches, each equipped with a pressure relief valve 822 and 821 respectively. These branches rejoin at a final valve assembly 910, which includes a check valve 920. Various other components like filters 320a and 320b are also shown along the lines.